

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
16 October 2003 (16.10.2003)

PCT

(10) International Publication Number  
WO 03/084725 A1

(51) International Patent Classification<sup>7</sup>: B28B 23/00, B29C 67/24

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/IT03/00225

(22) International Filing Date: 11 April 2003 (11.04.2003)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data: VR2002A000035 11 April 2002 (11.04.2002) IT

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(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

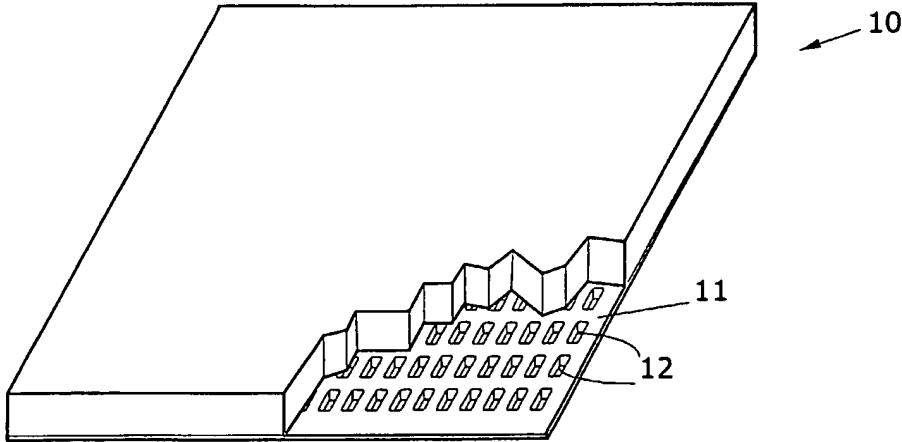
- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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(54) Title: PROCESS FOR MANUFACTURING REINFORCED TILES OR PANELS OF AGGLOMERATED MATERIAL WITH A METALLIC PLATE AS WELL AS PRODUCT OBTAINED THROUGH SAID PROCESS



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(57) **Abstract:** A procedure for the production of sheets or tiles (10) in agglomerate material consisting of products comprising marble and/or granite and/or sand and/or quartz powders and binding resins, also comprising possible inclusions of elements made from metal, glass, ceramic, wood, precious stones, comprising the following processing stages: a) crushing of the components of the sheets or tiles (10); b) mixing of these components with the aforesaid binding resins; c) pressing and compacting of these components inside a pressing die, and hardening at a predetermined pressure and temperature, in order to obtain a predetermined shape, advantageously quadrangular, and predetermined dimensions of these sheets or tiles (10); and according to which before stage c) is carried out a metal plate (11) is positioned inside the pressing die and presents an irregular structure designed to accommodate the mixture of the components which, during the polymerisation and hardening stages, bond to the plate (11) thus forming the base of the sheet or tile (10).